

Claims

- [c1] 1. A body weight support apparatus comprising:
a frame having a base adapted to extend under a treadmill,
two fixed members and two movable angled members
adapted together to extend from the base over the treadmill;
a hoist subsystem attachable to said frame and operable for
positioning a subject on the treadmill;
a pneumatic spring support subsystem attachable to said
frame and operable for providing resilient support to a subject
on said treadmill; and
an angled members orientation control subsystem attachable
to said frame and adapted to control the distance between the
terminal ends of said movable angled members.
- [c2] 2. The body weight support apparatus according to claim 1
further comprising a voice activated control system configured
for controlling the hoist subsystem.
- [c3] 3. The body weight support apparatus according to claim 1
further comprising a voice activated control system configured
for controlling the treadmill.
- [c4] 4. The body weight support apparatus according to claim 1
wherein the moveable angled members are pivotable about
the fixed members.
- [c5] 5. The body weight support apparatus according to claim 1

further comprising an indicator configured for providing the distance between the terminal ends of the movable angled members.

- [c6] 6. An exercise assembly for use in therapeutic and training sessions, the assembly comprising:
an exercise device for providing a form of exercise thereon;
a frame having at least one movable angled member adapted to extend over the exercise device; and
a control assembly for supporting an individual on the exercise device, the control assembly adapted to be coupled to the frame;
wherein the at least one movable angled member is adapted to move over the exercise device by the control assembly.
- [c7] 7. The exercise assembly according to claim 6, the frame further comprising at least one fixed member coupled with the at least one movable angled member.
- [c8] 8. The exercise assembly according to claim 7, wherein the frame is adapted to extend under the exercise device.
- [c9] 9. The exercise assembly according to claim 8, the control assembly further comprising a hoist system for placing a patient over the exercise device.
- [c10] 10. The exercise assembly according to claim 9, the control assembly further comprising a spring support subsystem for

providing resilient support of a patient during use of the exercise device.

- [c11] 11. The exercise assembly according to claim 10, the spring support system further comprising a pneumatic spring for coupling with the patient during use of the exercise device.
- [c12] 12. The exercise assembly according to claim 11, the spring support system further comprising a measurement device configured to provide a pressure reading of the spring.
- [c13] 13. The exercise assembly according to claim 6, the control assembly further comprising an angled member orientation system for controlling the position of the at least one movable angled member over the exercise device.
- [c14] 14. The exercise assembly according to claim 6, the at least one movable angled member further comprising a pair of movable angled members.
- [c15] 15. The exercise assembly according to claim 14, the control assembly further comprising an angled member orientation system for controlling the position of the pair of movable angled members over the exercise device.
- [c16] 16. The exercise assembly according to claim 15, the angled member orientation system further comprising a screw assembly for positioning the pair of movable angled members.

[c17] 17. An exercise assembly for use in therapeutic and training sessions, the assembly comprising:
an exercise device for providing a form of exercise thereon;
a frame having at least one movable angled member adapted to extend over the exercise device;
a control assembly for supporting an individual on the exercise device, the control assembly adapted to be coupled to the frame;
wherein the at least one movable angled member is adapted to move over the exercise device by the control assembly;
the exercise assembly further comprising at least one movable angled member further comprising a pair of movable angled members, and
the control assembly further comprising an indicator for indicating the distance between each distal end of the pair of movable angled members.

[c18] 18. An exercise assembly for use in therapeutic and training sessions, the assembly comprising:
an exercise device for providing a form of exercise thereon;
a frame having at least one movable angled member adapted to extend over the exercise device; and
a control assembly for supporting an individual on the exercise device, the control assembly adapted to be coupled to the frame;

wherein the at least one movable angled member is adapted to move over the exercise device by the control assembly; and the control assembly further comprising a voice control configured to provided adjustment of the exercise device.

- [c19] 19. An exercise assembly for use in therapeutic and training sessions, the assembly comprising:
- an exercise device for providing a form of exercise thereon;
 - a frame having at least one movable angled member adapted to extend over the exercise device; and
 - a control assembly for supporting an individual on the exercise device, the control assembly adapted to be coupled to the frame;
- wherein the at least one movable angled member is adapted to move over the exercise device by the control assembly; the control assembly further comprising a hoist system for placing a patient over the exercise device; and a voice control configured to provided adjustment of the hoist system.